

**Amendments to the Specification:**

Please amend the specification at page 5, line 20, as follows:

FIG. 8A is a diagram illustrating exemplary data structures used to store file data in accordance with one embodiment of the invention.

Please insert the following new paragraphs in the specification on page 5, at line 22:

FIG. 8B depicts a histogram corresponding to the data structures depicted in FIG. 8A in accordance with one embodiment of the invention.

FIG. 8C depicts a scroll bar corresponding to the histogram depicted in FIG. 8B in accordance with one embodiment of the invention.

Please amend the paragraph on page 7, beginning at line 10, as follows:

Through the use of the present invention, a user may ascertain those locations of a file that are most significant by viewing the scroll bar. The user may then choose to view those corresponding locations of the file by moving the mouse or cursor upward or downward along the scroll bar. In this manner, a user may easily view, edit or otherwise modify a file. It should be noted that an exemplary appearance of the scroll bar is depicted in FIG. 8C.

Please amend the paragraph on page 7, beginning at line 14, as follows:

In accordance with one embodiment, the contents of the file at locations of the file (e.g., corresponding to the scroll bar) are also displayed to indicate relative importance of the locations of the file. For instance, the rows in the file (or portions thereof) may be displayed to indicate relative importance of the rows of the file with respect to one another. FIG. 2 is a screen shot illustrating the contents of a file displayed in accordance with one embodiment of the invention. In this example, rows in the file being viewed are displayed to indicate relative importance of the

rows with respect to one another. It should be noted that an exemplary appearance of the scroll bar is depicted in FIG. 8C.

Please amend the paragraph on page 7 (continues on page 8), beginning at line 20, as follows:

File data indicating relative importance of rows in the file may be represented using a variety of data structures. FIG. 8A is a diagram illustrating exemplary data structures used to store file data in accordance with one embodiment of the invention. FIG. 8B depicts a histogram corresponding to the data structures depicted in FIG. 8A in accordance with one embodiment of the invention. FIG. 8C depicts a scroll bar corresponding to the histogram depicted in FIG. 8B in accordance with one embodiment of the invention. Each row is represented by a granule object. Each granule object stores the row's reference count, the linear row reference count, and the non-linear row reference count. In this manner, the processed file data is represented for use in displaying the scroll bar and associated file contents as the user scrolls through the file. Each granule object may also store the text of the row and associated color. It should be noted that the appearance of the scroll bar depicted in FIG. 8C can change dynamically during scrolling when, for example, rows corresponding to granule objects 9-18 (not shown) are displayed.